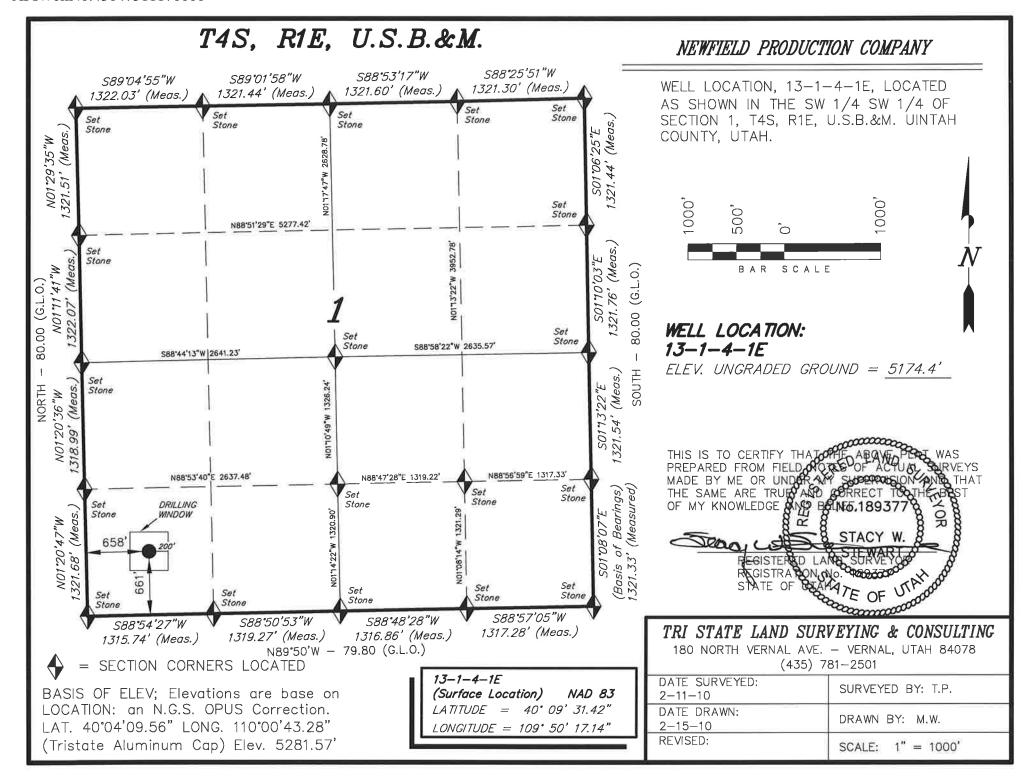
STATE OF UTAH  DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING  AMENDED REPORT  DIVISION OF OIL, GAS AND MINING										
APPLI	CATION FOR I	PERMIT TO DRILL				1. WELL NAME and NUMBER Ute Tribal 13-1-4-1E				
2. TYPE OF WORK  DRILL NEW WELL (	REENTER P&A	A WELL DEEPE	N WELL			3. FIELD OR WILDO	AT UNDESIGNATED			
4. TYPE OF WELL Oil We	ell Coalbe	d Methane Well: NO				5. UNIT or COMMU	NITIZATION AGRE	EMENT NAME		
6. NAME OF OPERATOR	WFIELD PRODUC	TION COMPANY				7. OPERATOR PHON	<b>VE</b> 435 646-4825			
8. ADDRESS OF OPERATOR	t 3 Box 3630 , My	rton, UT, 84052				9. OPERATOR E-MA	<b>IL</b> rozier@newfield.com			
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)		11. MINERAL OWNE	RSHIP IAN 📵 STATE	FEE (	_	12. SURFACE OWNI	ERSHIP DIAN ( STATE (	FEE (a)		
20G0005609  13. NAME OF SURFACE OWNER (if box 12			31/112	<u> </u>		14. SURFACE OWN				
15. ADDRESS OF SURFACE OWNER (if box						16. SURFACE OWNI	ER E-MAIL (if box 1	12 = 'fee')		
	O Box 610, Roose	velt, UT 84066  18. INTEND TO COM	IMINGLE PRODUC	TION FROM		19. SLANT				
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')	ONS ommingling Applica		_	_						
								ORIZONTAL ()		
20. LOCATION OF WELL		DTAGES	QTR-QTR SWSW	SECTI	ION	TOWNSHIP	RANGE	MERIDIAN		
LOCATION AT SURFACE						4.0 S	1.0 E	U		
Top of Uppermost Producing Zone						4.0 S	1.0 E	U		
At Total Depth	SWSW	1		4.0 S	1.0 E	U				
21. COUNTY UINTAH	<b>EAREST LEASE LI</b> 658	NE (Feet)		23. NUMBER OF AC	RES IN DRILLING (	UNIT				
	EAREST WELL IN g or Completed) 1320									
27. ELEVATION - GROUND LEVEL				29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE						
5174	RLB0010462				437478					
		Al	TTACHMENTS							
VERIFY THE FOLLOWING	ARE ATTACHE	ED IN ACCORDAN	CE WITH THE U	JTAH OIL A	AND (	GAS CONSERVATI	ON GENERAL RU	ILES		
WELL PLAT OR MAP PREPARED BY	₹ CO	MPLETE DRI	ILLING	PLAN						
AFFIDAVIT OF STATUS OF SURFACE	ACE) FOF	FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER								
DIRECTIONAL SURVEY PLAN (IF DI	г тог	TOPOGRAPHICAL MAP								
NAME Mandie Crozier		TITLE Regulatory 1	Гесһ		PHOI	NE 435 646-4825				
SIGNATURE		<b>DATE</b> 06/24/2010			EMA]	IL mcrozier@newfield.	com			
API NUMBER ASSIGNED 43047511170000		APPROVAL			B	.00.64Ill				
			P.	ermit Manager						

API Well No: 43047511170000 Received: 6/24/2010

	Prop	oosed Hole, Casing, a	nd Cement		
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)	
Prod	7.875	5.5	0	7815	
Pipe	Grade	Length	Weight		
	Grade J-55 LT&C	7815	15.5		

API Well No: 43047511170000 Received: 6/24/2010

	Proj	oosed Hole, Casing, a	and Cement			
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Surf	12.25	8.625	0	300		
Pipe	Grade	Length	Weight			
	Grade J-55 ST&C	300	24.0			Γ
					Τ	Г



# MEMORANDUM of EASEMENT, RIGHT-OF-WAY and SURFACE USE AGREEMENT

This Easement, Right-of-Way and Surface Use Agreement ("Agreement") is entered into this 5th day of June, 2010 by and between Coleman Brothers LTD; Mary Jo Coleman Adamson whose address is PO Box 610 Roosevelt, UT. 84066, ("Surface Owner," whether one or more) and Newfield Production Company, a Texas corporation ("NEWFIELD"), with offices at 1001 Seventeenth Street, Suite 2000, Denver, Colorado 80202, covering certain lands, (the "Lands") situated in Uintah County, Utah described as follows:

#### Township 4 South, Range 1 East, Uintah Special Base and Meridian

Section 1: All, being 640 acres more or less.

Section 3: N1/2, being 320 acres more or less.

Section 4 All, being 640 acres more or less.

Section 9: All, being 640 acres more or less.

Section 10: All, being 640 acres more or less.

Section 11: S1/2, being 320 acres more or less.

Section 12: S1/2, being 320 acres more or less.

Section 13: All, being 640 acres more or less.

Section 14: All, being 640 acres more or less.

Section 15: S1/2, being 320 acres more or less.

Section 16: All, being 640 acres more or less.

Section 23: N1/2, being 320 acres more or less.

Section 23. 141/2, being 320 acres more or iess

Section 24: All, being 640 acres more or less.

#### Township 4 South, Range 2 East, Uintah Special Base and Meridian

Section 7: NE1/4; E1/2 NW1/4; LOTS 1 AND 2, being 319 acres more or less.

Section 8: S1/2, being 320 acres more or less.

Section 17: LOTS 6 AND 7; E1/2 SW1/4; SE1/4, being 347 acres more or less.

Section 18: All, being 640 acres more or less

Section 19: All, being 640 acres more or less.

Section 20: All, being 640 acres more or less.

Section 29: All, being 640 acres more or less.

Section 32: N1/2; N1/2S1/2; LOTS 1,2,3, and 4, being 648 acres more or less.

Section 33: All, being 640 acres more or less.

#### Township 3 South, Range 1 East, Uintah Special Base and Meridian

Section 29: LOTS 1 AND 2, being 79.24 acres more or less.

Section 32: All, being 640 acres more or less.

Section 33: All, being 638 acres more or less.

#### Uintah County, Utah

For and in consideration of the sum of ten dollars (\$10.00), and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby agree to the terms and provisions set forth as follows:

#### 1. Compensation for Well; Release of All Claims

NEWFIELD shall pay to Surface Owner the sum as set forth in and according to the terms of that certain Letter Agreement for Easement, Right-of Way and Surface Use by and between Surface Owner and NEWFIELD, dated June 5, 2010, as full payment and satisfaction for any and all detriment, depreciation, injury or damage of any nature to the Lands or growing crops thereon that may occur as a result of NEWFIELD's drilling or completion operations or its continuing activities for the production or transportation of oil, gas, or other hydrocarbons or products associated with the foregoing including, but not limited to, surface use, access, pipelines, gathering lines, pipeline interconnections, and any and all other reasonable or customary uses of land related to said operations or activities.

# 2. Grant of Right of Way and Easement

Surface Owner hereby grants, bargains, leases, assigns, and conveys to NEWFIELD an easement and right-of-way for the purpose of construction, using and maintaining access roads, locations for surface equipment and subsurface gathering lines for each well drilled upon the Lands, pipelines, and pipeline interconnections for two years from date of this agreement and so long thereafter as NEWFIELD's oil and gas leases remain in effect.

This Agreement shall be binding upon the respective heirs, executors, administrators, successors, and assigns of the undersigned.

These Parties hereto have executed this document effective as of the day first above written.

COLEMAN BROTHERS LTD	NEWFIELD PRODUCTION COMPANY
By: May down Adamson	By:
Mary Jo Coleman Adamson (general partner) private surface owner	Dan Shewmake, Vice President-Development
STATE OF UTAH )	
COUNTY OF <u>Duchesne</u> )	
This instrument was acknowledged before me t Bothers LTD, Mary Jo Coleman Adamson, (general	his, 2010 by Coleman partner). private surface owner.
Witness my hand and official seal.	
My commission expires 9/8/2013	Notary Public  LON ECFUTAN CE00019 08-2013
STATE OF COLORADO )	
COUNTY OF Denver )ss )	
This instrument was acknowledged before me t Dan Shewmake, Vice President-Development a Texa	
Witness my hand and official seal.	
	Notary Public
My commission expires	

#### **MEMORANDUM** of **EASEMENT, RIGHT-OF-WAY** and SURFACE USE AGREEMENT

This Easement, Right-of-Way and Surface Use Agreement ("Agreement") is entered into this 9th day of June, 2010 by and between Coleman Brothers LTD; Joe Coleman whose address is 393 East Center St, Heber City, UT. 84032, ("Surface Owner," whether one or more) and Newfield Production Company, a Texas corporation ("NEWFIELD"), with offices at 1001 Seventeenth Street, Suite 2000, Denver, Colorado 80202, covering certain lands, (the "Lands") situated in Uintah County, Utah described as follows:

#### Township 4 South, Range 1 East, Uintah Special Base and Meridian

Section 1: All, being 640 acres more or less.

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Section 15: S1/2, being 320 acres more or less.

Section 16: All, being 640 acres more or less.

Section 23: N1/2, being 320 acres more or less.

Section 24: All, being 640 acres more or less.

#### Township 4 South, Range 2 East, Uintah Special Base and Meridian

Section 7: NE1/4; E1/2 NW1/4; LOTS 1 AND 2, being 319 acres more or less.

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Section 20: All, being 640 acres more or less.

Section 29: All, being 640 acres more or less.

Section 32: N1/2; N1/2S1/2; LOTS 1,2,3, and 4, being 648 acres more or less.

Section 33: All, being 640 acres more or less.

#### Township 3 South, Range 1 East, Uintah Special Base and Meridian

Section 29: LOTS 1 AND 2, being 79.24 acres more or less.

Section 32: All, being 640 acres more or less.

Section 33: All, being 638 acres more or less.

#### Uintah County, Utah

For and in consideration of the sum of ten dollars (\$10.00), and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby agree to the terms and provisions set forth as follows:

#### Compensation for Well; Release of All Claims 1.

NEWFIELD shall pay to Surface Owner the sum as set forth in and according to the terms of that certain Letter Agreement for Easement, Right-of Way and Surface Use by and between Surface Owner and NEWFIELD, dated June 9, 2010, as full payment and satisfaction for any and all detriment, depreciation, injury or damage of any nature to the Lands or growing crops thereon that may occur as a result of NEWFIELD's drilling or completion operations or its continuing activities for the production or transportation of oil, gas, or other hydrocarbons or products associated with the foregoing including, but not limited to, surface use, access, pipelines, gathering lines, pipeline interconnections, and any and all other reasonable or customary uses of land related to said operations or activities.

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This Agreement shall be binding upon the respective heirs, executors, administrators, successors, and assigns of the undersigned.

These Parties hereto have executed this document effective as of the day first above written.

COLEMAN BROTHERS LTD	NEWFIELD PRODUCTION COMPANY
By: De Coleman (general partner) private surface owner	By:
STATE OF UTAH )ss COUNTY OF Wasatch  This instrument was acknowledged before a Bothers LTD, Joe Coleman, (general partner). p	me this day of, 2010 by Coleman private surface owner.
Witness my hand and official seal.	
My commission expires $\frac{9/8/2013}{}$	Notar Public  Vim EATON  MODRY PUBLIC STATE OF UTAN  GOLDMAN SELOND 580010  CC221 EXP. 09-09-2013
STATE OF COLORADO ) )ss COUNTY OF Denver )	
This instrument was acknowledged before to the Dan Shewmake, Vice President-Development a Towns Witness my hand and official seal.	
	Notary Public
My commission expires	

# MEMORANDUM of EASEMENT, RIGHT-OF-WAY and SURFACE USE AGREEMENT

This Easement, Right-of-Way and Surface Use Agreement ("Agreement") is entered into this 9th day of June, 2010 by and between Coleman Brothers LTD; Bonnie Coleman whose address is 148 West Center St, Heber City, UT. 84032, ("Surface Owner," whether one or more) and Newfield Production Company, a Texas corporation ("NEWFIELD"), with offices at 1001 Seventeenth Street, Suite 2000, Denver, Colorado 80202, covering certain lands, (the "Lands") situated in Uintah County, Utah described as follows:

#### Township 4 South, Range 1 East, Uintah Special Base and Meridian

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Section 17: LOTS 6 AND 7; E1/2 SW1/4; SE1/4, being 347 acres more or less.

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Section 29: All, being 640 acres more or less.

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Section 33: All, being 640 acres more or less.

#### Township 3 South, Range 1 East, Uintah Special Base and Meridian

Section 29: LOTS 1 AND 2, being 79.24 acres more or less.

Section 32: All, being 640 acres more or less.

Section 33: All, being 638 acres more or less.

#### Uintah County, Utah

For and in consideration of the sum of ten dollars (\$10.00), and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby agree to the terms and provisions set forth as follows:

# 1. Compensation for Well; Release of All Claims

NEWFIELD shall pay to Surface Owner the sum as set forth in and according to the terms of that certain Letter Agreement for Easement, Right-of Way and Surface Use by and between Surface Owner and NEWFIELD, dated June 9, 2010, as full payment and satisfaction for any and all detriment, depreciation, injury or damage of any nature to the Lands or growing crops thereon that may occur as a result of NEWFIELD's drilling or completion operations or its continuing activities for the production or transportation of oil, gas, or other hydrocarbons or products associated with the foregoing including, but not limited to, surface use, access, pipelines, gathering lines, pipeline interconnections, and any and all other reasonable or customary uses of land related to said operations or activities.

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This Agreement shall be binding upon the respective heirs, executors, administrators, successors, and assigns of the undersigned.

These Parties hereto have executed this document effective as of the day first above written.

COLEMAN BROTHERS LTD	NEWFIELD PRODUCTION COMPANY
By: Bonnie Coleman (general partner) private surface owner	By: *
STATE OF UTAH  ) ss  COUNTY OF <u>Wasard</u> This instrument was acknowledged before me  Bothers LTD, Bonnie Coleman, (general partner).	
Witness my hand and official seal.	
My commission expires	Notary Public  Notary
STATE OF COLORADO ) )ss	
COUNTY OF Denver )	
This instrument was acknowledged before me Dan Shewmake, Vice President-Development a Tex Witness my hand and official seal.	
Without my hand and official sour.	
	Notary Public
My commission expires	

# MEMORANDUM of EASEMENT, RIGHT-OF-WAY and SURFACE USE AGREEMENT

This Easement, Right-of-Way and Surface Use Agreement ("Agreement") is entered into this 17<sup>th</sup> day of June, 2010 by and between Coleman Brothers LTD; Leila Coleman by whose address is 2390 South Doverway, St George, UT. 84770, ("Surface Owner," whether one or more) and Newfield Production Company, a Texas corporation ("NEWFIELD"), with offices at 1001 Seventeenth Street, Suite 2000, Denver, Colorado 80202, covering certain lands, (the "Lands") situated in Uintah County, Utah described as follows:

#### Township 4 South, Range 1 East, Uintah Special Base and Meridian

Section 1: All, being 640 acres more or less.

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Section 4 All, being 640 acres more or less.

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Section 23: N1/2, being 320 acres more or less.

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#### Township 4 South, Range 2 East, Uintah Special Base and Meridian

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Section 17: LOTS 6 AND 7; E1/2 SW1/4; SE1/4, being 347 acres more or less.

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# Township 3 South, Range 1 East, Uintah Special Base and Meridian

Section 29: LOTS 1 AND 2, being 79.24 acres more or less.

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# Uintah County, Utah

For and in consideration of the sum of ten dollars (\$10.00), and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby agree to the terms and provisions set forth as follows:

#### 1. Compensation for Well; Release of All Claims

NEWFIELD shall pay to Surface Owner the sum as set forth in and according to the terms of that certain Letter Agreement for Easement, Right-of Way and Surface Use by and between Surface Owner and NEWFIELD, dated June 17, 2010, as full payment and satisfaction for any and all detriment, depreciation, injury or damage of any nature to the Lands or growing crops thereon that may occur as a result of NEWFIELD's drilling or completion operations or its continuing activities for the production or transportation of oil, gas, or other hydrocarbons or products associated with the foregoing including, but not limited to, surface use, access, pipelines, gathering lines, pipeline interconnections, and any and all other reasonable or customary uses of land related to said operations or activities.

# 2. Grant of Right of Way and Easement

Surface Owner hereby grants, bargains, leases, assigns, and conveys to NEWFIELD an easement and right-of-way for the purpose of construction, using and maintaining access roads, locations for surface equipment and subsurface gathering lines for each well drilled upon the Lands, pipelines, and pipeline interconnections for two years from date of this agreement and so long thereafter as NEWFIELD's oil and gas leases remain in effect.

This Agreement shall be binding upon the respective heirs, executors, administrators, successors, and assigns of the undersigned.

These Parties hereto have executed this document effective as of the day first above written.

COLEMAN BROTHERS LTD	NEWFIELD PRODUCTION COMPANY
By: Leila Coleman (general partner) W/// private surface owner	By:
STATE OF UTAH  ) COUNTY OF Washing for	
	refore me this day of, 2010 by Coleman refore, private surface owner.
Witness my hand and official seal.	NOTARY PUBLIC JERRY BRENT PUZEY List of eighten Rd State C Smitt-serge, UT 84780 List Commission Expites April 23, 2012 STATE OF UTAH
My commission expires 4-23-12	Notary Public
STATE OF COLORADO ) )ss COUNTY OF Denver )	
This instrument was acknowledged b  Dan Shewmake, Vice President-Developme	efore me this, 2010 by ent a Texas corporation, on behalf of the corporation.
Witness my hand and official seal.	
	Notary Public
My commission expires	

# NEWFIELD PRODUCTION COMPANY UTE TRIBAL 13-1-4-1E SW/SW SECTION 1, T4S, R1E UINTAH COUNTY, UTAH

#### TEN POINT DRILLING PROGRAM

# 1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

# 2. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

 Uinta
 0' - 2685'

 Green River
 2685'

 Wasatch
 7515'

 Proposed TD
 7815'

# 3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation (Oil) 2,685' – 7,515'

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 350'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. All water shows must be reported within one (1) business day after being encountered.

All usable (<10,000 PPM TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. This information shall be reported to the Vernal Office.

Detected water flows shall be sampled, analyzed, and reported to the geologic & engineering staff of the Vernal Office. The office may request additional water samples for further analysis. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required.

The following information is requested for water shows and samples where applicable:

Location & Sampled Interval Date Sampled Flow Rate Temperature Hardness pH

Hardness pH
Water Classification (State of Utah)

Water Classification (State of Utah)

Dissolved Calcium (Ca) (mg/l)

Dissolved Iron (Fe) (ug/l)

Dissolved Magnesium (Mg) (mg/l)

Dissolved Bicarbonate (NaHCO<sub>3</sub>) (mg/l)

Dissolved Sulfate (SO<sub>4</sub>) (mg/l)

Dissolved Total Solids (TDS) (mg/l)

Ten Point Well Program & Thirteen Point Well Program Page 2 of 4

#### 4. PROPOSED CASING PROGRAM

a. Casing Design: Ute Tribal 13-1-4-1E

0:	Interval		Weight Grade		Coupling	Design Factors		
Size	Тор	Bottom	vveigni	Weight Glade	Coupling	Burst	Collapse	Tension
Surface casing	01	0001	24.0	1.55	CTO	2,950	1,370	244,000
8-5/8"	0,	300′	24.0	J-55	STC	17.53	14.35	33.89
Prod casing	0.1	7.0451	45.5	1.55	1.70	4,810	4,040	217,000
5-1/2"	0,	7,815	7,815' 15.5	J-55	LTC	1.93	1.62	1.79

#### Assumptions:

- 1) Surface casing max anticipated surface press (MASP) = Frac gradient gas gradient
- 2) Prod casing MASP (production mode) = Pore pressure gas gradient
- 3) All collapse calculations assume fully evacuated casing w/ gas gradient
- 4) All tension calculations assume air weight

Frac gradient at surface casing shoe = 13.0 ppg
Pore pressure at surface casing shoe = 8.33 ppg
Pore pressure at prod casing shoe = 8.33 ppg
Gas gradient = 0.115 psi/ft

All casing shall be new or, if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

All casing strings shall have a minimum of 1 (one) centralizer on each of the bottom three (3) joints.

b. Cementing Design: Ute Tribal 13-1-4-1E

		Burning and I gar	Sacks	ОН	Weight	Yield	
Job	Fill	Description	ft <sup>3</sup>	Excess*	(ppg)	(ft³/sk)	
0	300'	Class C.w/20/ CaCl	138	30%	15.8	1.17	
Surface casing	300	Class G w/ 2% CaCl	161	3076	15.6	1.17	
Prod casing	5,815'	Prem Lite II w/ 10% gel + 3%	402	30%	11.0	3.26	
Lead	5,615	KCI	1310	30 /6	11.0	3.26	
Prod casing	2,000'	50/50 Poz w/ 2% gel + 3%	363	30%	14.3	1.24	
Tail	2,000	KCI	451	30 70	14.5	1.24	

<sup>\*</sup>Actual volume pumped will be 15% over the caliper log

- Compressive strength of lead cement: 1800 psi @ 24 hours, 2250 psi @ 72 hours
- Compressive strength of tail cement: 2500 psi @ 24 hours

Hole Sizes: A 12-1/4" hole will be drilled for the 8-5/8" surface casing. A 7-7/8" hole will be drilled for the 5-1/2" production casing.

The 8-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

# 5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Ten Point Well Program & Thirteen Point Well Program Page 3 of 4

The operator's minimum specifications for pressure control equipment are as follows:

An 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOP's will be check daily.

Refer to Exhibit C for a diagram of BOP equipment that will be used on this well.

# 6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

From surface to ±350 feet will be drilled with an air/mist system. The air rig is equipped with a 6 ½" blooie line that is straight run and securely anchored. The blooie line is used with a discharge less than 100 ft from the wellbore in order to minimize the well pad size. The blooie line is not equipped with an automatic igniter or continuous pilot light and the compressor is located less than 100 ft from the well bore due to the low possibility of combustion with the air dust mixture. The trailer mounted compressor (capacity of 2000 CFM) has a safety shut-off valve which is located 15 feet from the air rig. A truck with 70 bbls of water is on stand by to be used as kill fluid, if necessary. From about ±350 feet to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCl substitute additive. This additive will be identified in the APD and reviewed to determine if the reserve pit shall be lined. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

Newfield Production will visually monitor pit levels and flow from the well during drilling operations.

# 7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

# 8. TESTING, LOGGING AND CORING PROGRAMS:

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 300' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +-. A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

# 9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated

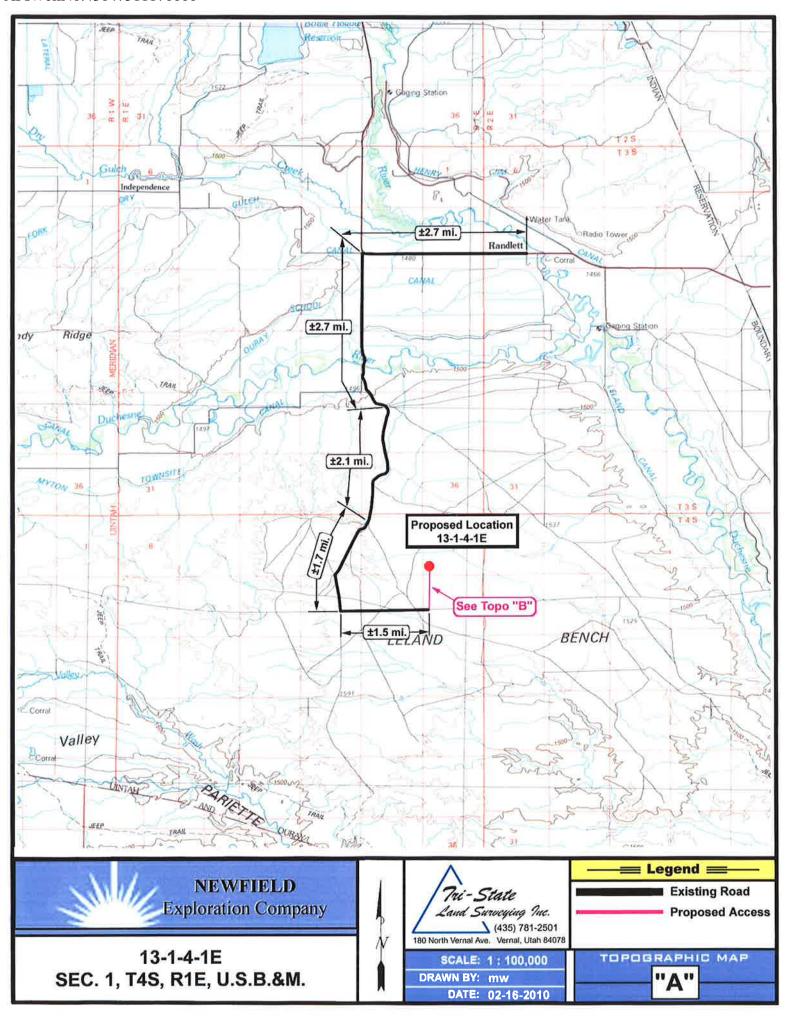
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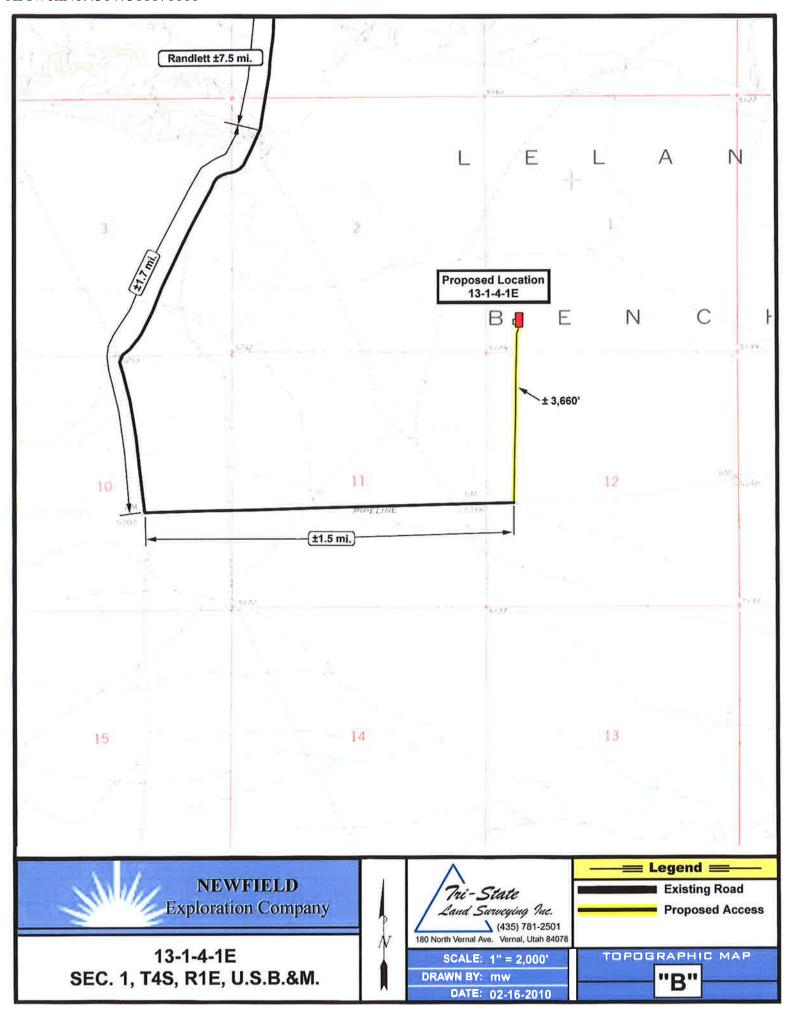
Ten Point Well Program & Thirteen Point Well Program Page 4 of 4

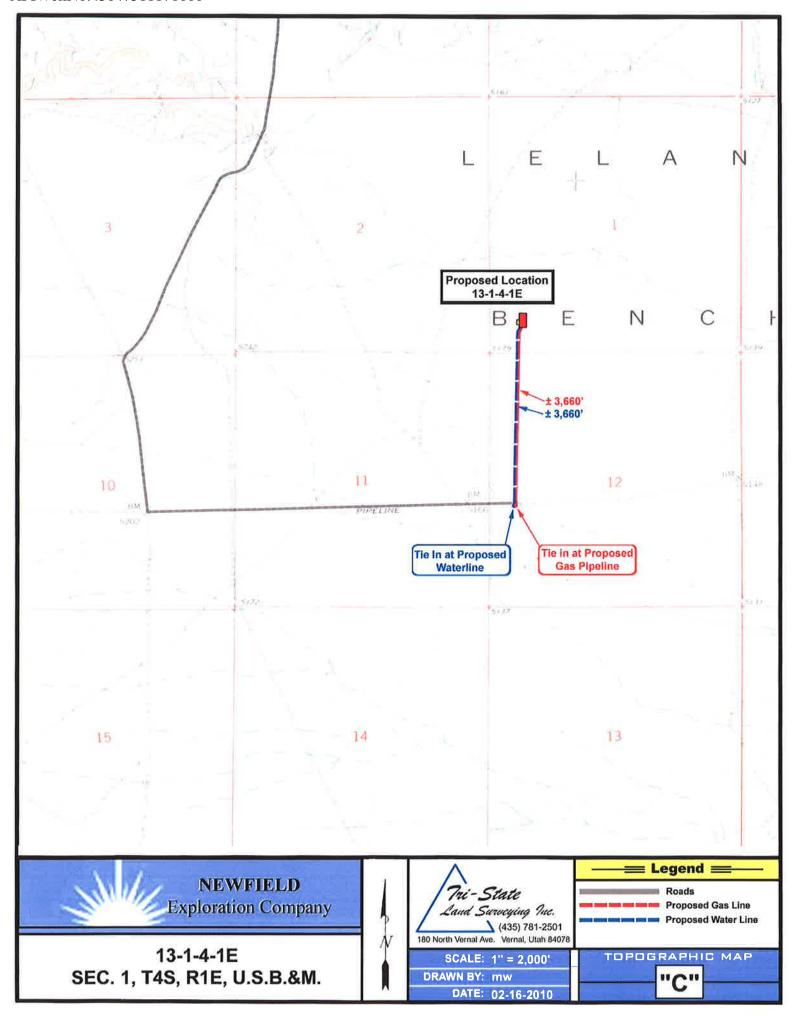
bottomhole pressure will approximately equal total depth in feet multiplied by a  $0.433~\mathrm{psi/foot}$  gradient.

# 10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

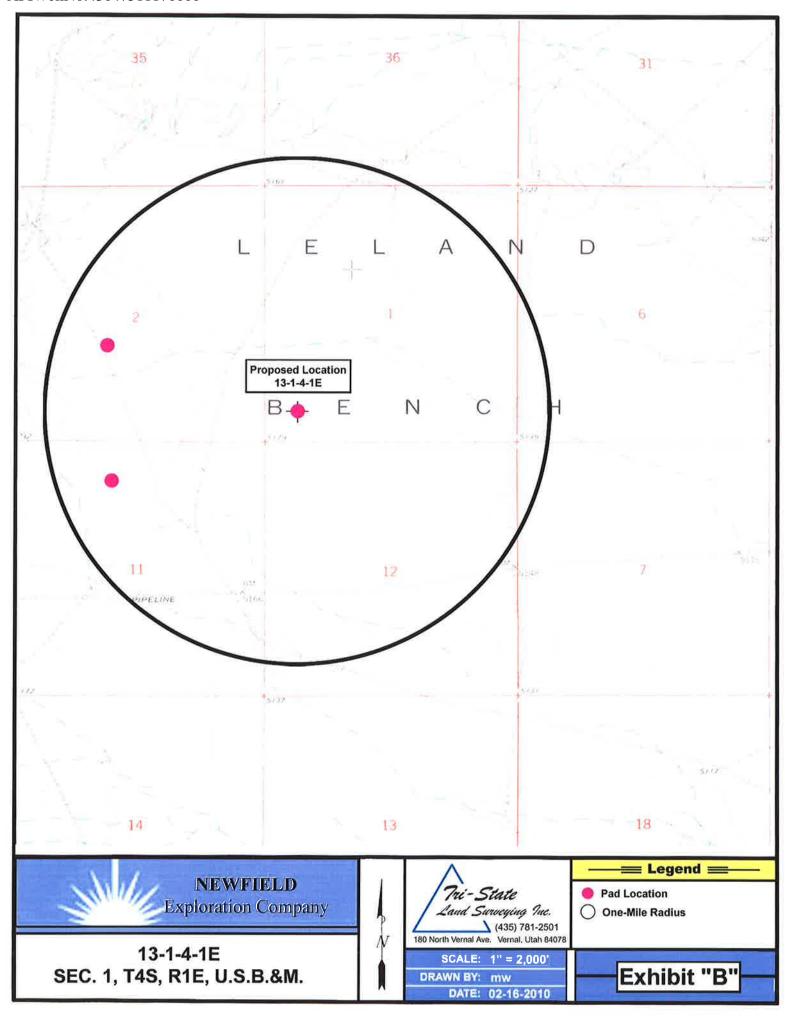
It is anticipated that the drilling operations will commence the fourth quarter of 2010, and take approximately seven (7) days from spud to rig release.







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# NEWFIELD PRODUCTION COMPANY UTE TRIBAL 13-1-4-1E SW/SW SECTION 1, T4S, R1E UINTAH COUNTY, UTAH

# **ONSHORE ORDER NO. 1**

# **MULTI-POINT SURFACE USE & OPERATIONS PLAN**

#### 1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Ute Tribal 13-1-4-1E located in the SW 1/4 SW 1/4 Section 1, T4S, R1E, Uintah County, Utah:

Proceed in a westerly direction out of Randlett, approximately 2.7 miles to it's junction with an existing road to the south; proceed in a southeasterly direction approximately 6.5 miles to it's junction with an existing road to the east; proceed in a easterly direction approximately 1.5 miles to it's junction with the beginning of the proposed access road to the north; proceed northerly along the proposed access road approximately 3,660' to the proposed well location.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal. Any necessary fill material for repair will be purchase and hauled from private sources.

#### 2. PLANNED ACCESS ROAD

Approximately 3,660' of access road is proposed for the proposed well. See attached **Topographic Map "B"**.

The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%.

There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

#### 3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

#### 4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within six months of installation.

# 5. LOCATION AND TYPE OF WATER SUPPLY

Newfield Production will transport water by truck from nearest water source as determined by a Newfield representative for the purpose of drilling the above mentioned well. The available water sources are as follows:

Johnson Water District Water Right: 43-7478

Neil Moon Pond

Water Right: 43-11787

Newfield Collector Well

Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

There will be no water well drilled at this site.

#### 6. SOURCE OF CONSTRUCTION MATERIALS

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

# 7. METHODS FOR HANDLING WASTE DISPOSAL

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be required in the reserve pit. However, if upon constructing the pit there is insufficient fine clay and silt present, a liner will be used for the purpose of reducing water loss through percolation.

Newfield requests approval that a flare pit not be constructed or utilized on this location.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), State of Utah approved surface disposal facilities, or Federally approved surface disposal facilities.

#### 8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

# 9. <u>WELL SITE LAYOUT</u>

See attached Location Layout Sheet.

#### Fencing Requirements

All pits will be fenced according to the following minimum standards:

- a) A 39-inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be centered and/or braced in such a manner to keep tight at all times
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

Existing fences to be crossed by the access road will be braced and tied off before cutting so as to prevent slacking in the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and upon completion of construction the fence shall be repaired to BLM specifications.

# 10. PLANS FOR RESTORATION OF SURFACE:

#### a) Producing Location

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

b) Dry Hole Abandoned Location

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

SURFACE OWNERSHIP – Coleman Brothers LTD.
 See attached Memorandum of Surface Use Agreement and Easement ROW...

#### 12. OTHER ADDITIONAL INFORMATION

Newfield Production Company requests 3,660' of planned access road to be granted. **Refer to Topographic Map "B".** Newfield Production Company requests 3.660' of surface gas line to be granted. Newfield Production Company requests 3,660' of buried water line to be granted.

It is proposed that the disturbed area will be 60' wide to allow for construction of the proposed access road, a 10" or smaller gas gathering line, a 3" poly fuel gas line, a buried 3" steel water injection line and a buried 3" poly water return line. The planned access road will consist of a 18' permanent running surface (9' either side of the centerline) crowned and ditched in order to handle any run-off from any precipitation events that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be turnouts as needed along this road to allow for increases in potential traffic issues. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Both the proposed surface gas and buried water lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** The proposed water pipelines will be buried in a 4-5' deep trench constructed with a trencher or backhoe for the length of the proposal. The equipment will run on the surface and not be flat bladed to minimize surface impacts to precious topsoil in these High Desert environments. If possible, all proposed surface gas pipelines will be installed on the same side of the road as existing gas lines. The construction phase of the planned access road, proposed gas lines and proposed water lines will last approximately (5) days.

In the event that the proposed well is converted to a water injection well, a Sundry Notice 3160-5 form will be applied for through the Bureau of Land Management field office.

- a) Newfield Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Newfield is to immediately stop work that might further disturb such materials and contact the Authorized Officer.
- b) Newfield Production will control noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. On State administered land it is required that a Pesticide Use Proposal shall be submitted and given approval prior to the application of herbicides or other possible hazardous chemicals.
- c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on State Lands after the conclusion of drilling operations or at any other time without State authorization. However, if State authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

The Archaeological and Paleontological Report Waivers are attached.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

#### Hazardous Material Declaration

Newfield Production Company guarantees that during the drilling and completion of the Ute Tribal 13-1-4-1E, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the Ute Tribal 13-1-4-1E, Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

The State office as well as the Ute Tribe Energy and Mineral Department shall be notified upon site completion prior to moving on the drilling rig.

#### 13. LESSEE'S OR OPERATOR'S REPRENSENTATIVE AND CERTIFICATION:

#### Representative

Name: Tim Eaton

Address: Newfield Production Company

Route 3, Box 3630 Myton, UT 84052

Telephone: (435) 646-3721

# Certification

Please be advised that Newfield Production Company is considered to be the operator of well #13-1-4-1E, SW/SW Section 1, T4S, R1E, Uintah County, Utah and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage for this well is covered by the Bureau of Indian Affairs Bond #RLB0010462.

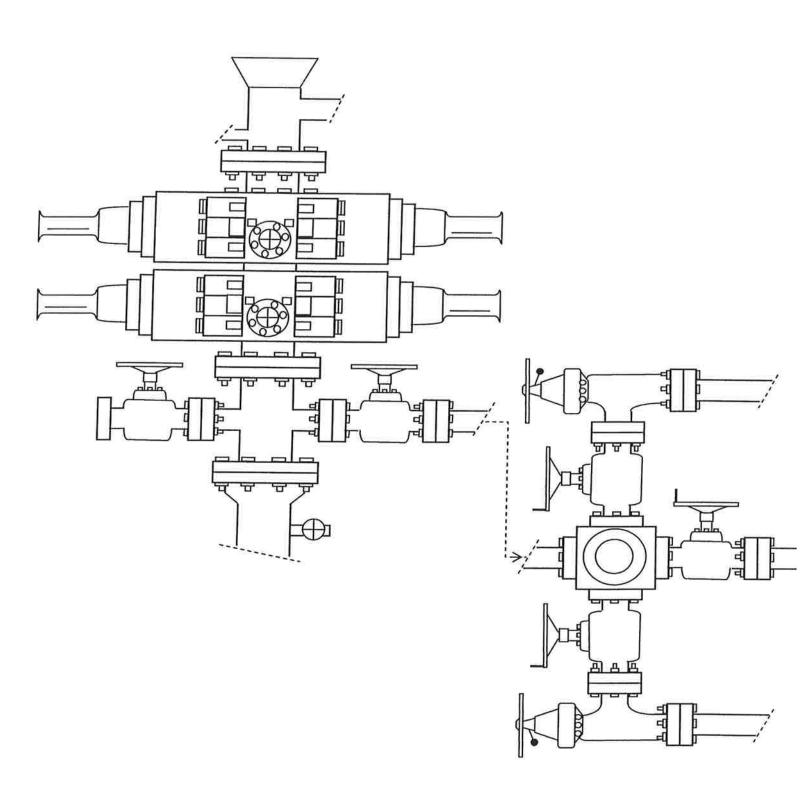
I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

6/24/10 Date

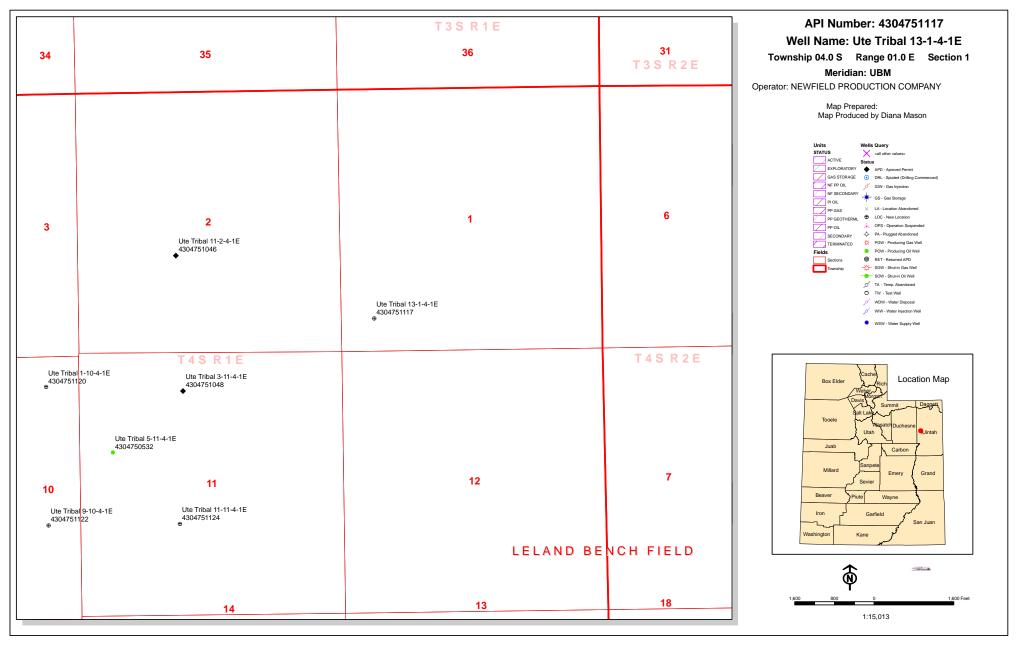
Mandie Crozier Regulatory Specialist Newfield Production Company

# 2-M SYSTEM

Blowout Prevention Equipment Systems



**EXHIBIT C** 



# **ON-SITE PREDRILL EVALUATION**

# **Utah Division of Oil, Gas and Mining**

**Operator** NEWFIELD PRODUCTION COMPANY

Well Name Ute Tribal 13-1-4-1E

API Number 43047511170000 APD No 2732 Field/Unit UNDESIGNATED

**Location: 1/4,1/4** SWSW **Sec** 1 **Tw** 4.0S **Rng** 1.0E 661 FSL 658 FWL

GPS Coord (UTM) 599014 4445817 Surface Owner Coleman Brothers LTD

# **Participants**

Floyd Bartlett (DOGM), Tim Eaton, (Newfield Production Co.), Dustin Gardiner and Shay Harward (Tri-State Land Surveying) and Cheryl LaRoque and William Civish (BLM).

# Regional/Local Setting & Topography

The general area is on Leland Bench, which is located about 10 miles southwest of Fort Duchesne, Uintah County, Utah. Broad flats with low growing desert shrub type vegetation characterize the area. A few rolling hills and slopes leading to higher flats occur. No springs, seeps or flowing streams are known to occur in the area. The Duchesne River is approximately 6 miles to the east. All lands in the immediate area are privately owned. Ute Tribal lands lie to the west and south.

Access to the proposed well site is by State of Utah or Uintah County roads and existing or proposed oilfield development roads. Distance from Randlett, Utah is approximately 10.7 miles. Approximately 3,660 feet new road will be constructed to reach the location.

The proposed Ute Tribal 13-1-4-1E oil well is oriented in a south to north direction on a flat area with a slight slope to the north. Only light excavation will be needed to construct the pad. The location appears to be a good site for constructing a pad, drilling and operating a well.

#### **Surface Use Plan**

#### **Current Surface Use**

Wildlfe Habitat

New Road Miles Well Pad Src Const Material Surface Formation

0.7 Width 204 Length 305 Onsite UNTA

**Ancillary Facilities** N

# Waste Management Plan Adequate?

# **Environmental Parameters**

Affected Floodplains and/or Wetlands N

#### Flora / Fauna

Vegetation is a desert shrub-forb type. Principal identified plants included Indian rice grass, shadscale, winter fat, horse brush. brome snakeweed, squirrel tail, and spring annuals

Because of the lack of water and cover the area is not rich in fauna. Species include antelope, coyotes, prairie dogs and small mammals and rodents. Some shrub dependent birds may occur but were not observed. Historically, but not currently, sheep grazed the area.

# **Soil Type and Characteristics**

9/1/2010 Page 1

Soils are a deep sandy loam with some gravel.

**Erosion Issues** N

**Sedimentation Issues** N

Site Stability Issues N

**Drainage Diverson Required?** N

Berm Required? Y

C:4- C---:C- E--4----

**Erosion Sedimentation Control Required?** N

Paleo Survey Run? N Paleo Potental Observed? N Cultural Survey Run? N Cultural Resources?

# **Reserve Pit**

Site-Specific Factors	Site Ra	ınking	
Distance to Groundwater (feet)	100 to 200	5	
Distance to Surface Water (feet)	>1000	0	
Dist. Nearest Municipal Well (ft)	>5280	0	
Distance to Other Wells (feet)	>1320	0	
Native Soil Type	Mod permeability	10	
Fluid Type	Fresh Water	5	
Drill Cuttings	Normal Rock	0	
<b>Annual Precipitation (inches)</b>		0	
Affected Populations			
<b>Presence Nearby Utility Conduits</b>	Not Present	0	
	<b>Final Score</b>	20	1 Sensitivity Level

C:4- D --- L:-- -

# **Characteristics / Requirements**

A 40' x 80' x 8' deep reserve pit is planned in a cut on the southwest corner of the location. A liner with a minimum thickness of 16-mils is required. A sub-liner may not be needed because of the lack of rock in the area.

Closed Loop Mud Required? N Liner Required? Y Liner Thickness 16 Pit Underlayment Required? Y

# **Other Observations / Comments**

ATV's were used to access the site.

Floyd Bartlett 7/28/2010

Evaluator Date / Time

9/1/2010 Page 2

9/1/2010

# **Application for Permit to Drill Statement of Basis**

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	<b>Surf Owner</b>	<b>CBM</b>
2732	43047511170000	LOCKED	OW	P	No
Operator	NEWFIELD PRODUCTION	COMPANY	<b>Surface Owner-APD</b>	Coleman Broth	ers LTD
Well Name	Ute Tribal 13-1-4-1E		Unit		

Field UNDESIGNATED Type of Work DRILL

**Location** SWSW 1 4S 1E U 661 FSL 658 FWL GPS Coord (UTM) 599013E 4445815N

# **Geologic Statement of Basis**

The mineral rights for the proposed well are owned by the Ute Tribe. The BLM will be the agency responsible for evaluating and approving the drilling, casing and cement programs.

Brad Hill 8/24/2010 **APD Evaluator Date / Time** 

#### **Surface Statement of Basis**

The general area is on Leland Bench, which is located about 10 miles southwest of Fort Duchesne, Uintah County, Utah. Broad flats with low growing desert shrub type vegetation characterize the area. A few rolling hills and slopes leading to higher flats occur. No springs, seeps or flowing streams are known to occur in the area. The Duchesne River is approximately 6 miles to the east. All lands in the immediate area are privately owned. Ute Tribal lands lie to the west and south.

Access to the proposed well site is by State of Utah or Uintah County roads and existing or proposed oilfield development roads. Distance from Randlett, Utah is approximately 10.7 miles. Approximately 3,660 feet new road will be constructed to reach the location.

The proposed Ute Tribal 13-1-4-1E oil well is oriented in a south to north direction on a flat area with a slight slope to the north. Only light excavation will be needed to construct the pad. The location appears to be a good site for constructing a pad, drilling and operating a well.

The Coleman Brothers LTD; own the surface. Mrs. Mary Jo Coleman Adamson was contacted by Ms. Cheryl LaRoque of the BLM and advised of and invited to the pre-site visit. She did not desire to attend. A surface use agreement has been completed.

The minerals are owned by the United States Government and held in trust for the Ute Indian Tribe. Ms. Cheryl LaRoque of the BLM, who acts for the Ute Indian Tribe, attended the pre-site evaluation. She had no concerns regarding the location as planned.

Floyd Bartlett 7/28/2010
Onsite Evaluator Date / Time

# **Conditions of Approval / Application for Permit to Drill**

**Category** Condition

Pits A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the

reserve nit

Surface The well site shall be bermed to prevent fluids from leaving the pad.

Surface The reserve pit shall be fenced upon completion of drilling operations.

# WORKSHEET APPLICATION FOR PERMIT TO DRILL

**APD RECEIVED:** 6/24/2010 **API NO. ASSIGNED:** 43047511170000 WELL NAME: Ute Tribal 13-1-4-1E **OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695) PHONE NUMBER:** 435 646-4825 **CONTACT:** Mandie Crozier PROPOSED LOCATION: SWSW 01 040S 010E **Permit Tech Review: SURFACE:** 0661 FSL 0658 FWL **Engineering Review: BOTTOM:** 0661 FSL 0658 FWL Geology Review: **COUNTY: UINTAH LATITUDE:** 40.15875 **LONGITUDE:** -109.83740 **UTM SURF EASTINGS: 599013.00** NORTHINGS: 4445815.00 FIELD NAME: UNDESIGNATED LEASE TYPE: 2 - Indian **LEASE NUMBER: 20G0005609** PROPOSED PRODUCING FORMATION(S): GREEN RIVER SURFACE OWNER: 4 - Fee **COALBED METHANE: NO RECEIVED AND/OR REVIEWED: LOCATION AND SITING:**  PLAT R649-2-3. Bond: INDIAN - RLB0010462 Unit: Potash R649-3-2. General Oil Shale 190-5 Oil Shale 190-3 R649-3-3. Exception **Drilling Unit** Oil Shale 190-13 Board Cause No: R649-3-2 Water Permit: 437478 **Effective Date: RDCC Review:** Siting: **✓** Fee Surface Agreement R649-3-11. Directional Drill **Intent to Commingle Commingling Approved** Comments:

Presite Completed

4 - Federal Approval - dmason 5 - Statement of Basis - bhill Stipulations:

23 - Spacing - dmason

API Well No: 43047511170000



Lieutenant Governor

# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA Division Director

# Permit To Drill

\*\*\*\*\*\*

Well Name: Ute Tribal 13-1-4-1E **API Well Number:** 43047511170000 Lease Number: 2OG0005609 **Surface Owner:** FEE (PRIVATE)

**Approval Date:** 9/1/2010

#### **Issued to:**

NEWFIELD PRODUCTION COMPANY, Rt 3 Box 3630, Myton, UT 84052

# **Authority:**

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-2. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

#### **Duration:**

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

#### General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

# **Conditions of Approval:**

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

# **Notification Requirements:**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during

API Well No: 43047511170000

drilling of this well:

• Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at https://oilgas.ogm.utah.gov

# **Reporting Requirements:**

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) due within 5 days of spudding the well
- Monthly Status Report (Form 9) due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) due prior to implementation
- Written Notice of Emergency Changes (Form 9) due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) due prior to implementation
- Report of Water Encountered (Form 7) due within 30 days after completion
- Well Completion Report (Form 8) due within 30 days after completion or plugging

Approved By:

Acting Associate Director, Oil & Gas

Spud BLM - Vernal Field Office - Notification Form

Operator <u>Newfield Exploration</u>

Rig Name/# Ross #26

Submitted By Mitch Benson

Phone Number (435) 823-5885

Name/Numer <u>UTE TRIBAL 13-1-4-1E</u>

Qtr/Qrt <u>SW/SW</u> Section <u>1</u> Township <u>4S</u>

Range 1E

Lease Serial Number 20G0005609

API Number 43-047-51117

<u>Spud Notice</u> – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time

10/12/2010 8:00:00 AM

Casing - Please report time casing run starts, not cementing times.

X Surface Casing

**Intermediate** 

**Production Casing** 

Liner

Other

Date/Time

10/12/2010 2:00:00 PM

Remarks:

Form 3160 -3 (August 2007)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires July 31, 2010

If Indian, Allotee or Tribe Name

Lease Serial No.
 20G0005609

# APPLICATION FOR PERMIT TO DRILL OR REENTER

la. Type of work:  DRILL  REENTER			7. If Unit or CA Agreement, Name and No. NA		
lb. Type of Well: Oil Well Gas Well Other Single Zone Multiple Zone			8. Lease Name and Well No. Ute Tribal 13-1-4-1E		
2. Name of Operator Newfield Production Company			9. API Well No. 43 (A7 51117		
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721		10. Field and Pool, or Exploratory		
			Undesignated		
4. Location of Well (Report location clearly and in accordance with any State requirements.*)			11. Sec., T. R. M. or Blk. and Survey or Area		
At surface SW/SW 661' FSL 658' FWL				Sec. 1, T4S R1E	
At proposed prod. zone					
14. Distance in miles and direction from nearest town or post office* Approximately 11.4 miles southwest of Randlett, UT			12. County or Parish Uintah	13. State UT	
15. Distance from proposed*	16. No. of acres in lease	of acres in lease 17. Spacing Unit dedicated to this well			
location to nearest property or lease line, ft. Approx. 658' f/lse, NA' f/unit (Also to nearest drig. unit line, if any)	NA		40 Acres		
18. Distance from proposed location*	19. Proposed Depth	20. BLM/I	BLM/BIA Bond No. on file		
to nearest well, drilling, completed, applied for, on this lease, ft.	7,815'	R	RLB0010462		
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approximate date work will start*		23. Estimated duration		
5174' GL			(7) days from SPUD to rig release		
	24. Attachments				
	·····				

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

- 1. Well plat certified by a registered surveyor.
- 2. A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- 5. Operator certification
- 6. Such other site specific information and/or plans as may be required by the RI.M.

25. Signature	Name (Printed/Typed) Mandie Crozier	Date 6/24/10
Title Regulatory Specialist		

Regulatory Specialist

Approved by (Signature)

Title Acting Assistant Field M

Names H. Sparger

SEP 1 7 2010

Acting Assistant Field Manager Lands & Mineral Resources Office

**VERNAL FIELD OFFICE** 

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

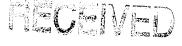
Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

\*(Instructions on page 2)



JUN 2 8 2010

BLM VERNAL, UTAH

NOTICE OF APPROVAL

OCT 1 4 2010

DIV. OF OIL, GAS & MINING





### UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE**

**VERNAL, UT 84078** 

(435) 781-4400



### CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:

**Newfield Production Company** 

Location:

**SWSW, Sec. 1, T4S, R1E** 

Well No:

**Ute Tribal 13-1-4-1E** 

Lease No:

2OG0005609

API No:

43-047-51117

Agreement:

N/A

**OFFICE NUMBER:** 

(435) 781-4400 **OFFICE FAX NUMBER: (435) 781-3420** 

### A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

### NOTIFICATION REQUIREMENTS

Construction Activity (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	<b>-</b>	The Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist shall be notified at least 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday.
Construction Completion (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	-	Upon completion of the pertinent APD/ROW construction, notify the Ute Tribe Energy & Minerals Dept. for a Tribal Technician to verify the Affidavit of Completion. Notify the BLM Environmental Scientist prior to moving on the drilling rig.
Spud Notice (Notify BLM Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify BLM Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings to: <u>ut_vn_opreport@blm.gov</u> .
BOP & Related Equipment Tests (Notify BLM Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify BLM Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

### SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

• None - Private surface Private surface use agreement submitted

### DOWNHOLE PROGRAM CONDITIONS OF APPROVAL (COAs)

### SITE SPECIFIC DOWNHOLE COAs:

• The operator shall comply with all applicable requirements in the SOP (version: "Ute Tribe Green River Development Program", April 17, 2008). The operator shall also comply with applicable laws and regulations; with the lease terms, Onshore Oil and Gas Orders, NTL's; and with other orders and instructions of the authorized officer.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

### DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.

Page 4 of 7 Well: Ute Tribal 13-1-4-1E 9/17/2010

- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the <u>top of cement</u> and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

Page 5 of 7 Well: Ute Tribal 13-1-4-1E 9/17/2010

### **OPERATING REQUIREMENT REMINDERS:**

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - o Operator name, address, and telephone number.
  - o Well name and number.
  - o Well location (1/41/4, Sec., Twn, Rng, and P.M.).
  - O Date well was placed in a producing status (date of first production for which royalty will be paid).
  - o The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - o The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - o Unit agreement and/or participating area name and number, if applicable.
  - o Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

Page 6 of 7 Well: Ute Tribal 13-1-4-1E 9/17/2010

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
  equipment shall be removed from a well to be placed in a suspended status without prior
  approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30
  days, prior approval of the BLM Vernal Field Office shall be obtained and notification given
  before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

Page 7 of 7 Well: Ute Tribal 13-1-4-1E 9/17/2010

• Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

OPERATOR: NEWFIELD PRODUCTION COMPANY ADDRESS: RT. 3 BOX 3630

OPERATOR ACCT. NO.

N2695

MYTON, UT 84052

ACTION	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION SPUD						EFFECTA/C
CODE	ENTITY NO.	ENTITY NO.	<u> </u>	GREATER MON BUTTE	QQ	SC	TP"	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
В	99999	17400	4301333894	P-36-8-16	NESE	35 36	88	16E	DUCHESNE	10/13/2010	10/19/10
WELL 1 C	OMMENTS:	1							<del> </del>		7.7.7.0
	GRRI	/		BHL = Sec :	36 Su	156	U				· parameter de la companya de la co
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	LL LOCAT	ION RG	COUNTY	SPUD	EFFECTIVE
					5W5W	30	15	RG	COUNTY	DATE	DATE
Α	99999	17821	4304751117	UTE TRIBAL 13-1-4-1E	SWSE	1_	48	1E	UINTAH 10/12/20		10/19/10
	GRRU										
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME		SC	WELL	OCATION	COUNTY	SPUD DATE	EFFECTIVE
				1-10-4-1E					000411	DATE	/
Α	99999	17822	4304751120	UTE TRIBAL 4304751120	NENE	10	48	1E	UINTAH	10/12/2010	10/19/10
Acroni	GRRU										
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	WELL L	OCATION	COUNTY	SPUD DATE	EFFECTIVE DATE
E	17740	17740	4301350294	STEWART 3-24-4-2	NENW	24	48	2W	DUCHESNE	8/10/2010	9/21/10
L		Change fo	ormation F/ GRRV t	o GR-WS					DOGNIZORZ	0/10/2010	1901/10
ACTION	CURRENT	NEW I	ACI MUMPO		· · · · · · · · · · · · · · · · · · ·						10/19/10
CODE	ENTITY NO.	ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP TP	OCATION	COUNTY	SPUD DATE	EFFECTIVE DATE
MELL S CO	DMMENTS:				<u></u>						
WELL SO	Mimeiri 9;										
ACTION	CURRENT	NEW	API NUMBER	WELL NAME	T		WELL	OCATION		SPUD	EFFECTIVE
CODE	ENTITY NO.	ENTITY NO.			QQ	_ 80	TΡ	RG	COUNTY	DATE	DATE
WELL 5 C	DMMENTS:			,		·			<u> </u>	·	
	ODES (See instructions on become entity for new well (single	•	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·		<del></del>		611	<del>/</del>	
B- "	ED					/	Jentri Park				
	orn one existing entity to anoth old from one existing entity to a				040				Signature	( ,	
	or (explain in comments section			OCT 1 9 2	UIU				Production Clerk		10/19/10
NOTE: Us	COMMENT section to explain	why each Action Code	e was solected.	DIV. OF OIL, GAS &	MINING						

### STATE OF UTAH

	5. LEASE DESIGNATION AND SERIAL NUMBER: MON BUTTE EDA 20G0005609				
SUNDRY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:				
Do not use this form for proposals to dr wells, or to drill horizont	7. UNIT or CA AGREEMENT NAME:				
1. TYPE OF WELL: OIL WELL	8. WELL NAME and NUMBER: UTE TRIBAL 13-1-4-1E				
2. NAME OF OPERATOR:				9. API NUMBER:	
NEWFIELD PRODUCTION COM	IPANY			4304751117	
3. ADDRESS OF OPERATOR;			PHONE NUMBER	10. FIELD AND POOL, OR WILDCAT:	
Route 3 Box 3630	CITY Myton STATE UT	ZIP 84052	435.646.3721	MYTON-TRIBAL EDA	
4. LOCATION OF WELL: FOOTAGES AT SURFACE:				COUNTY: UINTAH	
OTR/OTR, SECTION, TOWNSHIP, RANGE,	MERIDIAN: SWSW, 1, T4S, R1E			STATE: UT	
11. CHECK APPROI	PRIATE BOXES TO INDICAT	E NATURE (	OF NOTICE, REI	PORT, OR OTHER DATA	
TYPE OF SUBMISSION		TY	PE OF ACTION		
	ACIDIZE	DEEPEN		REPERFORATE CURRENT FORMATION	
NOTICE OF INTENT (Submit in Duplicate)	ALTER CASING	FRACTURE	TREAT	SIDETRACK TO REPAIR WELL	
• • •	CASING REPAIR	=		=	
Approximate date work will	I <b>=</b>	NEW CONST		TEMPORARITLY ABANDON	
	CHANGE TO PREVIOUS PLANS	OPERATOR (		TUBING REPAIR	
_	CHANGE TUBING	PLUG AND A	ABANDON	VENT OR FLAIR	
SUBSEQUENT REPORT	CHANGE WELL NAME	PLUG BACK		WATER DISPOSAL	
(Submit Original Form Only)	CHANGE WELL STATUS	PRODUCTIO	N (START/STOP)	WATER SHUT-OFF	
Date of Work Completion:	COMMINGLE PRODUCING FORMATIONS	RECLAMAT	ION OF WELL SITE	OTHER: - Weekly Status Report	
12/01/2010	CONVERT WELL TYPE	RECOMPLET	TE - DIFFERENT FORMATIO	N	
	MPLETED OPERATIONS. Clearly show s completed on 12/01/10, attached				
NAME (PLEASE PRINT) Lucy Chavez-N	laupoto		TITLE Administrative A	Assistant	
SIGNATURE CONTRACTOR	D. J.		DATE12/06/2010		
(This space for State use only)			<del>.</del>	RECEIVED	

RECEIVED

DEC 0 9 2010

### **Daily Activity Report**

# Format For Sundry UTE TRIBAL 13-1-4-1E 9/1/2010 To 1/30/2011

11/19/2010 Day: 1

Completion

Nabors #823 on 11/19/2010 - MIRUSU Nabors #823. - MIRUSU Nabors #823. NU Washington

Head. SDFN

Daily Cost: \$0

**Cumulative Cost: \$7,769** 

11/22/2010 Day: 4

Completion

Nabors #823 on 11/22/2010 - Frac and perforated 5 stages as detailed. - Open well. CSG 0 psi. Prep & tally tbg. RU workfloor. MU Weatherford 4 3/4" rock bit, bit sub, & PSN. TIH picking up & drifting tbg detail. Tag cement @ 2925'. RU Nabors power swivel & rig pump. Catch circulation. Drill up cement. Tag DV tool @ 2955'. Drill out DV tool. Swivel down 2 jts tbg. RD power swivel. Continue picking up tbg to tag PBTD @ 7723'. Circulate clean. TOOH w/ 246 its tbg, LD bit & bit sub. SDFN, EWTR 183 BBLS, - Open well, CSG 0 psi, Prep & tally tbg. RU workfloor. MU Weatherford 4 3/4" rock bit, bit sub, & PSN. TIH picking up & drifting tbg detail. Tag cement @ 2925'. RU Nabors power swivel & rig pump. Catch circulation. Drill up cement. Tag DV tool @ 2955'. Drill out DV tool. Swivel down 2 its tbg. RD power swivel. Continue picking up tbg to tag PBTD @ 7723'. Circulate clean. TOOH w/ 246 jts tbg. LD bit & bit sub. SDFN. EWTR 183 BBLS. - Open well. CSG 0 psi. MU 4 7/8" string mill, bit sub, & PSN. TIH w/ tbg. Get in hole w/ 94 jts tbg. RU powerswivel & rig pump. Work string mill through DV tool. TOOH w/ tbq. Get out of hole w/ tbq. RD workfloor. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT & run CBL under pressure. WLTD @ 7701' & cement top @ 238'. Perforate stage #1, GB4 sds @ (5730'-34') w/ 3 1/8" Port plug guns ( 11 gram .36" EH 16.82" pen) w/ 3 spf for total of 12 shots. Wait on frac crew EWTR 183 BBLS - Open well. CSG 0 psi. MU 4 7/8" string mill, bit sub, & PSN. TIH w/ tbg. Get in hole w/ 94 jts tbg. RU powerswivel & rig pump. Work string mill through DV tool. TOOH w/ tbg. Get out of hole w/ tbg. RD workfloor. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT & run CBL under pressure. WLTD @ 7701' & cement top @ 238'. Perforate stage #1, GB4 sds @ (5730'-34') w/ 3 1/8" Port plug guns ( 11 gram .36" EH 16.82" pen) w/ 3 spf for total of 12 shots. Wait on frac crew EWTR 183 BBLS - Open well, CSG 0 psi, Prep & tally tbq, RU workfloor. MU Weatherford 4 3/4" rock bit, bit sub, & PSN. TIH picking up & drifting tbg detail. Tag cement @ 2925', RU Nabors power swivel & rig pump, Catch circulation, Drill up cement, Tag DV tool @ 2955', Drill out DV tool, Swivel down 2 jts tbg, RD power swivel, Continue picking up tbg to tag PBTD @ 7723'. Circulate clean. TOOH w/ 246 jts tbg. LD bit & bit sub. SDFN. EWTR 183 BBLS. - Open well. CSG 0 psi. MU 4 7/8" string mill, bit sub, & PSN. TIH w/ tbg. Get in hole w/ 94 jts tbg. RU powerswivel & rig pump. Work string mill through DV tool. TOOH w/ tbg. Get out of hole w/ tbg. RD workfloor. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT & run CBL under pressure. WLTD @ 7701' & cement top @ 238'. Perforate stage #1, GB4 sds @ (5730'-34') w/ 3 1/8" Port plug guns ( 11 gram .36" EH 16.82" pen) w/ 3 spf for total of 12 shots. Wait on frac crew EWTR 183 BBLS - Frac and perforate 5 stages as detailed. 2888 BWTR. Open for immediate flow back at approximately 3 bpm for 2.5 hours. Nippled down frac BOP and wellhead and nippled up 5k production BOP. Shut down for night, 2528 BWTR, - Frac and perforate 5 stages as detailed. 2888 BWTR. Open for immediate flow back at approximately 3 bpm for 2.5 hours. Nippled down frac BOP and wellhead and nippled up 5k production BOP. Shut down for night. 2528 BWTR. - Frac and perforate 5 stages as detailed. 2888 BWTR. Open for immediate flow back at approximately 3 bpm for 2.5 hours. Nippled down frac BOP and

wellhead and nippled up 5k production BOP. Shut down for night. 2528 BWTR.

Daily Cost: \$0

**Cumulative Cost:** \$174,672

### 11/24/2010 Day: 5

Completion

Nabors #823 on 11/24/2010 - Drill out plugs. - Hot oiler thawed out well. Open well. Ru workfloor. TIH w/ 186 jts tbg. Tag CBP @ 5810'. LD 30 jts tbg. TIH w/ tbg out of derrick. RU power swivel. Drill out plug. Continue TIH w/ tbg to tag sand @ 5994'. 476' sand. Cleanout sand to CBP @ 6470'. Let well flow back sand. Drill out plug. Continue TIH w/ tbg. Tag sand @ 6600'. 10' sand. Clean out sand to CBP @ 6610'. Drill out CBP. Continue TIH w/ tbg to tag sand @ 7220'. 50' sand. Clean out sand to CBP @ 7270'. Drill out plug. Circultate well clean. SDFN EWTR 2528 BBLS

**Daily Cost:** \$0

Cumulative Cost: \$189,934

### 11/29/2010 Day: 6

Completion

Nåbors #823 on 11/29/2010 - Clean out to PBTD. Swab well - Open well. CSG 50 psi. TBG 50 psi. TIH w/ tbg to tag sand @ 750'. Clean out sand to PBTD @ 7723'. Circulate clean. LD 3 jtstbg. RU swab equipment. RIH w/ swab to tag IFL @ surface. Make 17 swab runs to recover 165 bw. Trace of oil no sand. TIH w/ tbg to tag PBTD. NO new sand. Circulate well clean. RD pump. TOOH w/ 60 jts tbg. SDFW

Daily Cost: \$0

Cumulative Cost: \$194,270

### 11/30/2010 Day: 7

Completion

Nabors #823 on 11/30/2010 - Trip tbg for production - Open well. TBG was flowing. Circulate well w/ 90 bw to kill. Continue TOOH w/ remaining 243 jts tbg. Get out of hole w/ tbg. LD bit & bit sub. MU btm hole assembly. TIH w/ tbg detail @ follows. NC, 1 jt tbg, PSN, 2 jts tbg, TAC, & 241 jts tbg. Get in hole w/ tbg. Circulate well w/ 90 bw to kill well. RD workfloor. ND BOP. Set TAC. MU B-1 adapter flange. Land tbg on wellhead w/ 18000# tension. MU wellhead. X-over to rod equipment. SDFN EWTR 2417 BBLS

Daily Cost: \$0

Cumulative Cost: \$200,341

### 12/1/2010 Day: 8

Completion

Nabors #823 on 12/1/2010 - PU rod detail & PWOP - Thaw wellhead. PU & prime new Central Hydraulic 2 1/2" x 1 1/2" x 21' x 24' RHAC pump. TIH picking up rod detail @ follows. 6 - 1 1/2" wt bars, 197 - 3/4" guided rods (4 per), & 99 - 7/8" guided rods(4 per). Get in hole w/ rods. Space out pump w/ 1 - 4' x 7/8" pony sub. MU new 1 1/2 x 26' polioshed rod. TBG standing full. Stroke test pump to 800 psi w/ rig. Good pump action. RU pumping unit. PWOP @ 2:30 PM w/ 120" SL @ 5 SPM. FINAL REPORT! EWTR 2417 BBLS. **Finalized** 

Daily Cost: \$0

Cumulative Cost: \$229,347

**Pertinent Files:** Go to File List

Form 3160-4 (August 2007)

## UNITED STATES DEPARTMENT OF THE INTERIOR BURGALLOG LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137 Expires: July 31, 2010

				BU	REAU O	F LAND M	AN	AGEMI	ENT							Expires: Ju		
	v	VELI	L COI	NPLE.	TION OR	RECOMPL	ΕT	ION RE	PORT	ΔΝΩ Ι	OG			5.	Lease S	Serial No.		
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la. Type o b. Type o	f Well f Completic		Oil W New '	eli Vell	Gas Well Work Ove	Dry Deepen		Other Plug Back	☐ Di	ff. Resvr.	,			6. 1	f India	n, Allottee or	Tribe	Name
			Other:											7. 1	Unit or	CA Agreeme	nt Na	me and No.
	f Operator LD EXPLO	DRAT	ION C	OMPAN	١Y									8. 1 UT	Lease I	Name and Wel	ll No. -1E	
3. Address		ST. SU	JITE 100	0 DENVE	R, CO 80202				a. Phone (435)646		lude are	ea code	2)		AFI We 047-5			
4. Location	n of Well (	Report	locatio	n clearly	and in acco	rdance with Fea	leral							10.	Field a	and Pool or Ex		itory
At surfa	ce 661' F	SL & (	658' F\	VL (SV	//SW) SEC	. 1, T4S, R1E								11.	Sec., 7	ſ., R., M., on I	Block	and
															Survey	or Area SEC	. 1, T4	S, R1E
At top p	rod. interval	report	ted belo	w										12.	12. County or Parish 13.			13. State
At total of	lepth 777	5'												UIN	HATI			UT
14. Date S 10/12/20				15. Dat 11/08/	e T.D. Reach 2010	ned			Date Com D & A		1/30/2 Ready to					ions (DF, RK 5186' KB	B, R	ſ, GL)*
18. Total I	Depth: MI	D 77	775'	L.,	19. F	lug Back T.D.:	M	D 7723					idge Ph		MD	0100 118		
21. Type I	Electric & O	ther Me	echanica	l Logs R	un (Submit c	opy of each)	nu	ID. HI	1041		22. W	as well	cored?	<b>Z</b> 1	TVD ₩ [	Yes (Submi	it anal	ysis)
DUAL IN	D GRD, S	P, CC	MP. C	ENSIT	Y,COMP. N	NEUTRON, GF	R,C	ALIPER,	CMT BO	ND		as DST	f run? ial Surve	<b>Z</b> 1 ey? <b>Z</b> 1		Yes (Submi		
23. Casing	g and Liner	Record	1 (Repo	rt all str	ings set in w	ell)									·	Tes (Saona	и сору	
Hole Size	Size/G	rade	Wt. (#	#/ft.)	Top (MD)	Bottom (M	M)		ementer epth		of Sks. of Cen			y Vol. BL)	Ce	ment Top*		Amount Pulled
12-1/4"	8-5/8" J		24#	0		349'				180 C								
7-7/8"	5-1/2" J	J-55	15.5#	0		7768'		ļ				RIMLITE			223'			
···	<del>                                     </del>									280 PI	)/50 P(							
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Size 2-7/8"	EOT@	Set (No. 763		75. (a)	epth (MD) 71'	Size		Depth Se	et (MD)	Packer I	Depth (N	MD)	Si	ze	De	oth Set (MD)	+	Packer Depth (MD)
25. Produc	ing Interval	s							rforation			<u></u>					.Ц	
A) Wasate	Formatio	n		7590	Top	7597'			forated In	terval			ize		loles		Per	f. Status
B) Green			.,	5730		7597' 5730-7597' 7190'			.36"		132				<del></del>			
C)	14101			3730		7 130		<u> </u>								<del> </del>		
D)																		
27. Acid, F			t, Ceme	nt Squee	ze, etc.			**···										
7590-759	Depth Inter	vai		Frac	w/ 30238#	s 20/40 sand	in 3	72 bble o		Amount a								
5730-719						#'s 20/40 sand												
28. Product Date First		Al A Hours	, Tr	est	Oil	Gas	Wa	iter	Oil Grav	ritu	Gas		Pro	duction M	fethod			
Produced		Teste		oduction		MCF	ВВ		Corr. Al	•	Grav					21' x 24' RH	IAC F	Pump
11/30/10	12/12/10			<u>→</u>	43	12	64	ļ										
Choke Size	Tbg. Press. Flwg.	Csg. Press.		Hr. ate	Oil BBL	Gas MCF	Wa BB		Gas/Oil Ratio			Status	-					
Size Flwg. Press. Rate BBL MCF BBL Ratio PRODUCING																		
28a. Produc	tion - Inter	/al R					<u> </u>	<del></del>			_L							
Date First		Hours		est	Oil	Gas	Wa		Oil Grav		Gas		Proc	luction M	ethod			
Produced		Tested	i Pi	oduction	BBL	MCF	BB	L	Corr. AP	PI	Grav	rity						
Chales	The D	Cer		<u> </u>	- h::		\ \ \ \ -									<del></del>	****	
	Tbg. Press. Flwg.	Csg. Press.		Hr. ite	Oil BBL	Gas MCF	Wa BB		Gas/Oil Ratio		Well	Status	•			REC		VED

DEC 1 6 2010

28b. Production - Interval C														
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method					
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status						
	ection - Inte													
Date First Produced		Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method					
Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status						
29. Disposition of Gas (Solid, used for fuel, vented, etc.)														
USED FOR	USED FOR FUEL													
30. Summary of Porous Zones (Include Aquifers):  Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.  31. Formation (Log) Markers  GEOLOGICAL MARKERS														
										Тор				
Form	nation	Тор	Bottom		Descrip	tions, Contents	, etc.		Name	Meas. Depth				
WASATCH GREEN RIV	ÆR	7590' 5730'	7597' 7190'					GARDEN GUL GARDEN GUL		5255' 5448'				
								GARDEN GUL POINT 3	CH 2	5584' 5915'				
								X MRKR Y MRKR		6105' 6151'				
								DOUGALS CR BI CARBONAT		6319' 6632'				
								CASTLE PEAR	(	7032'				
								BASAL CARBO WASATCH	ONATE	7359' 7467'				
22 4 1477			ļ					<u> </u>						
32. Additional remarks (include plugging procedure):														
33. Indicat	e which iter	ns have bee	en attached by	placing a c	heck in the app	propriate boxes	:							
	☐ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☐ Directional Survey													
Sund	ry Notice for	r plugging a	nd cement ven	ification	Cor	e Analysis	Other: Dr	illing Daily A	ctivity					
			oing and attac y Chavez-N		ation is comple		s determined from a		ords (see attached instructions)*					
	gnature	free	10	7 1		_ 、	Date 12/14/2010							
Title 18 U.S	S.C. Section ous or fraud	1001 and	Title 43 U.S.C	. Section 1	212, make it a cast to any matter	crime for any per	erson knowingly an	d willfully to n	nake to any department or agency	of the United States any				
70														

### **Daily Activity Report**

## Format For Sundry UTE TRIBAL 13-1-4-1E 8/1/2010 To 12/30/2010

**UTE TRIBAL 13-1-4-1E** 

**Waiting on Cement** 

**Date:** 10/26/2010

Ross #26 at 345. Days Since Spud - On 10/12/10 spud w/ Ross # 26 and drilled 349' of 12 1/4" hole , P/U and run 8 jts of 8 5/8" casing - 1.17 yield, returned 6 bbls to pit,bump plug to 145 psi,BLM and State were notified via email - set @ 349', on 10-14-10 cement w/ BJ w/ 180 sks of class G+2%kcl+.25#CF mixed @ 15.8 ppg and

Daily Cost: \$0

**Cumulative Cost:** \$54,825

### **UTE TRIBAL 13-1-4-1E**

**Waiting on Cement** 

**Date:** 11/1/2010

Ross #26 at 345. 0 Days Since Spud - Tear down and get ready for field move.

Daily Cost: \$0

Cumulative Cost: \$55,175

### **UTE TRIBAL 13-1-4-1E**

TIH

**Date:** 11/2/2010

Capstar #329 at 3500. 2 Days Since Spud - Notify State and BLM via email of rig move on 10/31/2010 of rig move on 11/1/2010 at 7:00 am and BOP - test on 11/1/2010 at 2:00 PM. -Hold safety meeting with Howcroft and rig crew - Move rig and set all equipment w/ Howcroft Trucking. (2 mile move from UT 9a-10-4-1e) - Nipple up BOP - Accept rig at 1530. Test Upper kelly valve, safety valve, pipe and blind rams. Choke manifold, kill - line and valve. 2000 psi for ten minutes. Test ok. Test Annular Preventor to 1500 psi ten min. - Test surface casing to 1500 psi for 30 min. - P/U BHA as follows: Hunting MM 4.8 stage, 7/8 lobe .33 revs. Monel DC 31.4", Gap sub 3.45', Pony 4.3' - Antenna sub 5.23' and 4 DC. Tag at 324'. - Drill 7 7/8" hole with fresh water to a depth of 2431'. - Drill 7 7/8" hole with fresh water from 2432' to 3339' 400GPM,155TRP,TROP 139.5 - Rig service. Function test BOP and crown-o-matic - Drill 7 7/8" hole with fresh water from 3339' to 3500' 400GPM,155TRP,TROP 139.5 - Circulate - Trip out. Lay down BHA and directional tools - Tally DP and function test blind rams - Trip in hole with DP only. Open ended to a depth of 3450' - Circulate and rig up BJ. - Pump 190bbls Type 2, 15.2ppg, 1.26 yield. Partial returns until the last 5 bbls and regained total - returns. - Trip out to 2584' and circulate. Killed pump well stayed static. (Fluid did not drop) - Circulate and wait on cement - Trip in hole and tag cement at 2950' - Trip out and pick up BHA and directional tools. Scribe directional tools to mud motor - Trip in hole. - Notify State and BLM via email of rig move on 10/31/2010 of rig move on 11/1/2010 at 7:00 am and BOP - test on 11/1/2010 at 2:00 PM. - Hold safety meeting with Howcroft and rig crew - Move rig and set all equipment w/ Howcroft Trucking. (2 mile move from UT 9a-10-4-1e) - Nipple up BOP - Accept rig at 1530. Test Upper kelly valve, safety valve, pipe and blind rams. Choke manifold, kill - line and valve. 2000 psi for ten minutes. Test ok. Test Annular Preventor to 1500 psi ten min. - Test surface casing to 1500 psi for 30 min. - P/U BHA as follows: Hunting MM 4.8 stage, 7/8 lobe .33 revs. Monel DC 31.4", Gap sub 3.45', Pony 4.3' - Antenna sub 5.23' and 4 DC. Tag at 324'. - Drill 7 7/8" hole with fresh water to a depth of 2431'. - Drill 7 7/8" hole with fresh water from 2432' to 3339' 400GPM,155TRP,TROP 139.5 - Rig service. Function test BOP and crown-o-matic - Drill 7 7/8" hole with fresh water from 3339' to 3500' 400GPM,155TRP,TROP 139.5 - Circulate - Trip out. Lay down BHA and directional tools - Tally DP and function test blind rams - Trip in hole with DP only. Open ended to a depth of 3450' - Circulate and rig up BJ. - Pump 190bbls Type 2, 15.2ppg, 1.26 yield. Partial returns until the last 5 bbls and regained total - returns. - Trip out to 2584' and circulate. Killed pump well stayed static. (Fluid

did not drop) - Circulate and wait on cement - Trip in hole and tag cement at 2950' - Trip out and pick up BHA and directional tools. Scribe directional tools to mud motor - Trip in hole.

Daily Cost: \$0

**Cumulative Cost:** \$157,042

### **UTE TRIBAL 13-1-4-1E**

### Drill 7 7/8" hole with fresh water

**Date:** 11/4/2010

Capstar #329 at 5333. 3 Days Since Spud - Drill 7 7/8" hole with fresh water from 3656' to 4520' 400GPM,155TRP,TROP 101.6 FPH - Rig service. Function test BOP and crown-o-matic -Drill 7 7/8" hole with fresh water from 3500' to 3656' 400GPM,155TRP,TROP 105 FPH - Drill out cement plug F/ 2950'-3500' - At 5000' took a little gas kick. Went through gas buster and continued to drill with a 8' to 10'flair - Started losing fluid. Taking 65 sec to gain returns after making connections. Mixed LCM pill and - pumped. We then watched the fluid level in mud tanks. Did not lose any more fluid. - Drill 7 7/8" hole with fresh water from 4520' to 5333" 400GPM,155TRP,TROP 105 FPH

Daily Cost: \$0

Cumulative Cost: \$182,622

### **UTE TRIBAL 13-1-4-1E**

### Drill 7 7/8" hole with fresh water

**Date:** 11/5/2010

Capstar #329 at 7146. 4 Days Since Spud - Drill 7 7/8" hole with fresh water from 5333' to 6194' 400GPM,155TRP,TROP 90.6 FPH good returns - Rig service function test BOP and crown-o-matic - Drill 7 7/8" hole with fresh water from 6194' to 6602' 400GPM,155TRP,TROP 74.18 FPH - Drill 7 7/8" hole with fresh water from 6602' to 6840' 400GPM,155TRP,TROP 68 FPH - Circulate and check returns. Well taking fluid. Mix LCM and regain full returns. - Well taking fluid. Shut mud tanks in and bring vis and LCM up. Regain full returns. - Drill 7 7/8" hole with fresh water from 6840' to 7146' 400GPM,155TRP,TROP 102 FPH

Daily Cost: \$0

**Cumulative Cost:** \$219,427

### **UTE TRIBAL 13-1-4-1E**

### Drill 7 7/8" hole with fresh water

**Date:** 11/6/2010

Capstar #329 at 7770. 5 Days Since Spud - Circulate and condition. Mix LCM to stop well from taking fluid. Check flow, well flow 30 gal/min. - Lay down pipe, checking flow every 1000'. No flow. Lay down BHA and directional tools. - Rig up Weatherford Wireline and run in hole. Tag at 3270'. Could not get passed. - Spot 260 bbls of 11 ppg mud TD to 4385'. Check flow, no flow. - Drill 7 7/8" hole with fresh water from 7645' to 7775' 400GPM,155TRP,TROP 65 FPH -Rig service. Function test BOP and crown-o-matic. Do flow check. Well flowing 15 gal min -Drill 7 7/8" hole with fresh water from 7146' to 7645' 400GPM,155TRP,TROP 55 FPH

Daily Cost: \$0

Cumulative Cost: \$263,209

### **UTE TRIBAL 13-1-4-1E**

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**Date:** 11/7/2010

Capstar #329 at 7775. 6 Days Since Spud - Circulate. Loss of complete circulation. Mix LCM. Spot 260 bbls of 11 ppg mud - Trip in to 7714' Ream 7714' to 7775' - Ream 3804' - 4021' -Trip in to 3804' - Ream from 3260 - 3304' - Trip in hole. Hit bridge at 3260'. - Pick up bit and BHA. Function test blind rams. - Trip out of hole w/ DP - Run logging tool through drill pipe.. Hit bridge at 4030' pull tool out of hole. - Circulate and rig up loggers. - open ended - Trip in hole to 3270'. Hit bridge. Work pipe and circulate to get through. Continue to 4000' - Trip out of hole

Daily Cost: \$0

Cumulative Cost: \$289,059

### **UTE TRIBAL 13-1-4-1E**

Rigging down

**Date:** 11/8/2010

Capstar #329 at 7775. 7 Days Since Spud - Pump 240 sacks 11# then 540 sacks 14#,8ppg Stage # 1. Then pump 280 sacks lead cement. Return 35 bbls - Circulate rig up BJ hard lines - Run 183jt 5 1/2" 15.50# casing set at 7746' - Rig up Weatherford and log w/ tripple combo suite. - of the second stage cement and 0 on the first stage. - Trip out of hole

Daily Cost: \$0

Cumulative Cost: \$471,086

### **UTE TRIBAL 13-1-4-1E**

Rigging down

**Date:** 11/9/2010

Capstar #329 at 7775. 8 Days Since Spud - Clean mud tanks - ND BOP's & set Csg slips with

125,000 # tension - Release rig @ 11:00 AM 11/8/10 Finalized

Daily Cost: \$0

Cumulative Cost: \$510,959

Pertinent Files: Go to File List